

FIG. 1

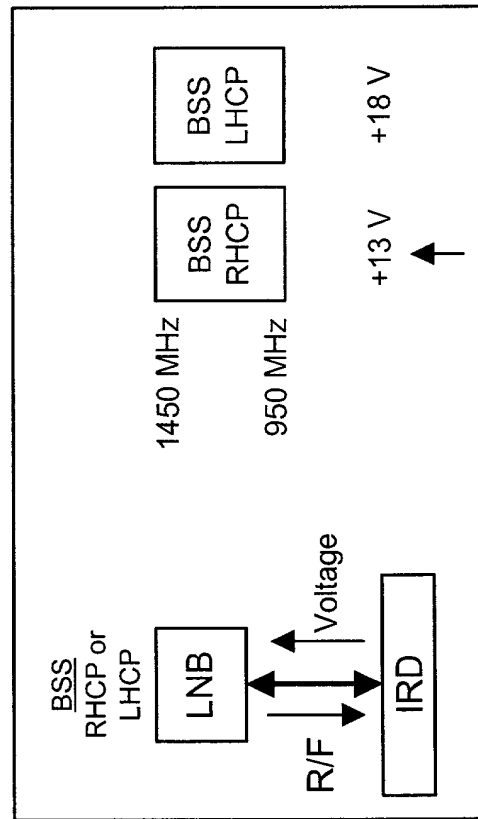


FIG. 2 PRIOR ART

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

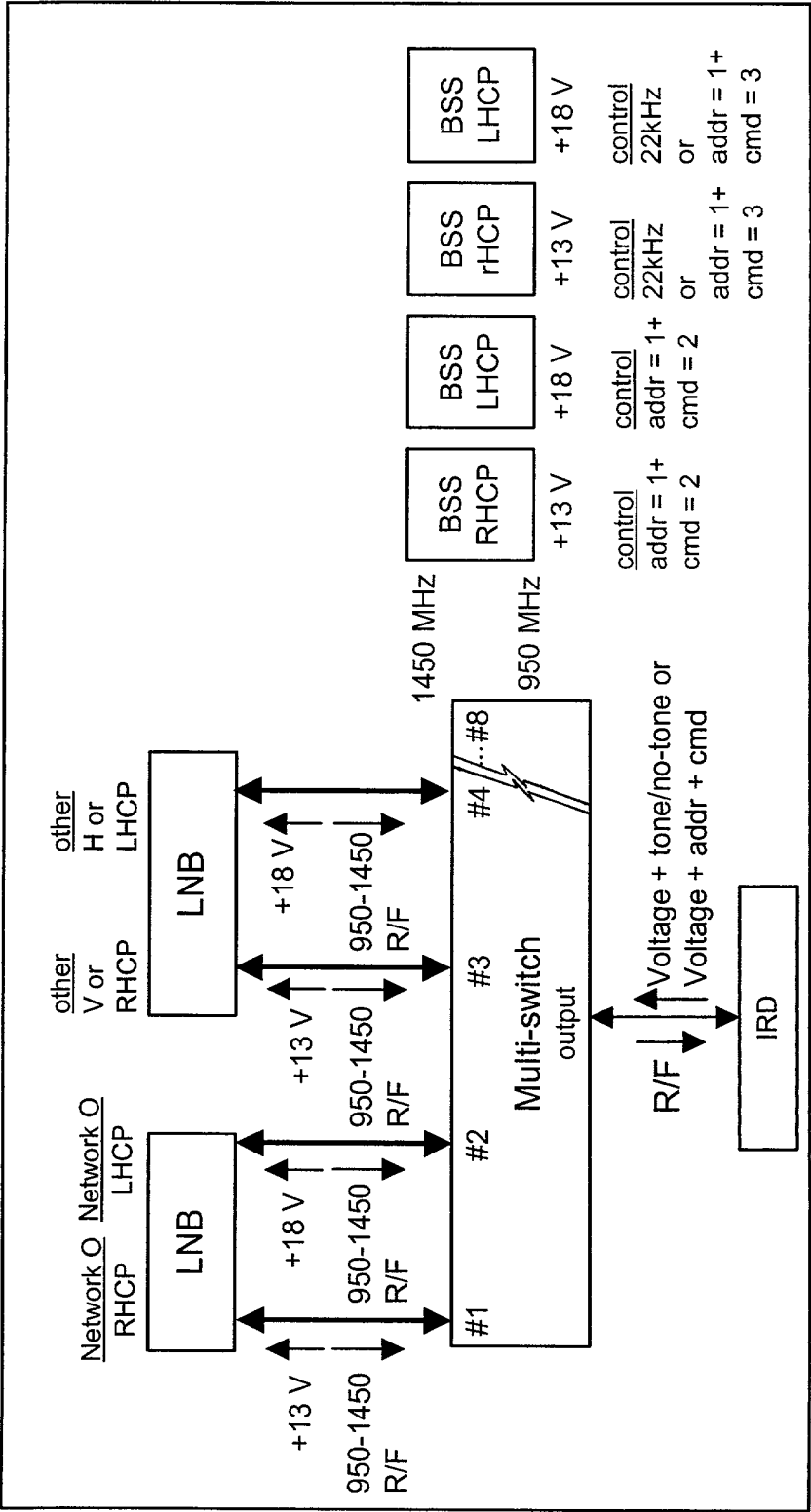


FIG. 3

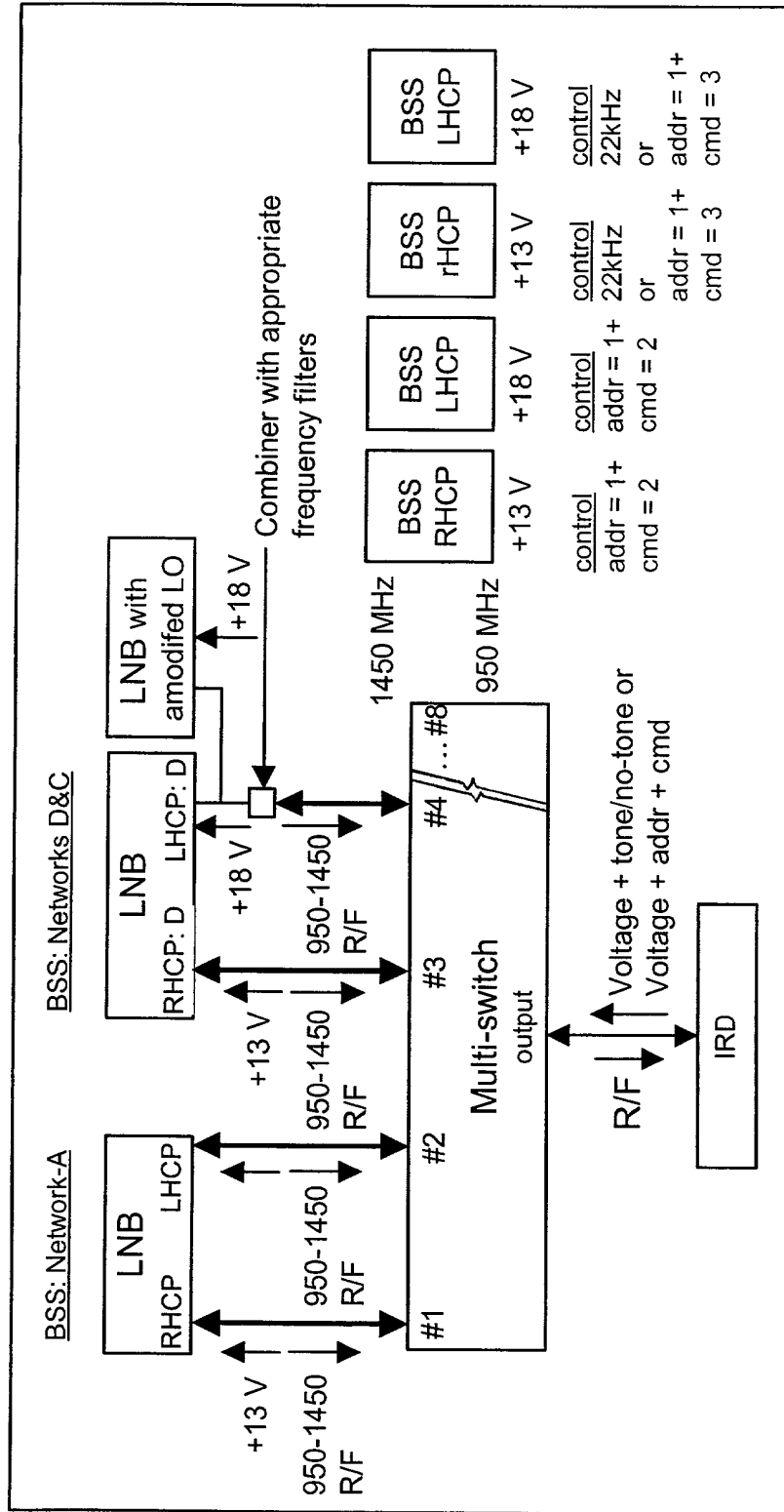


FIG. 4

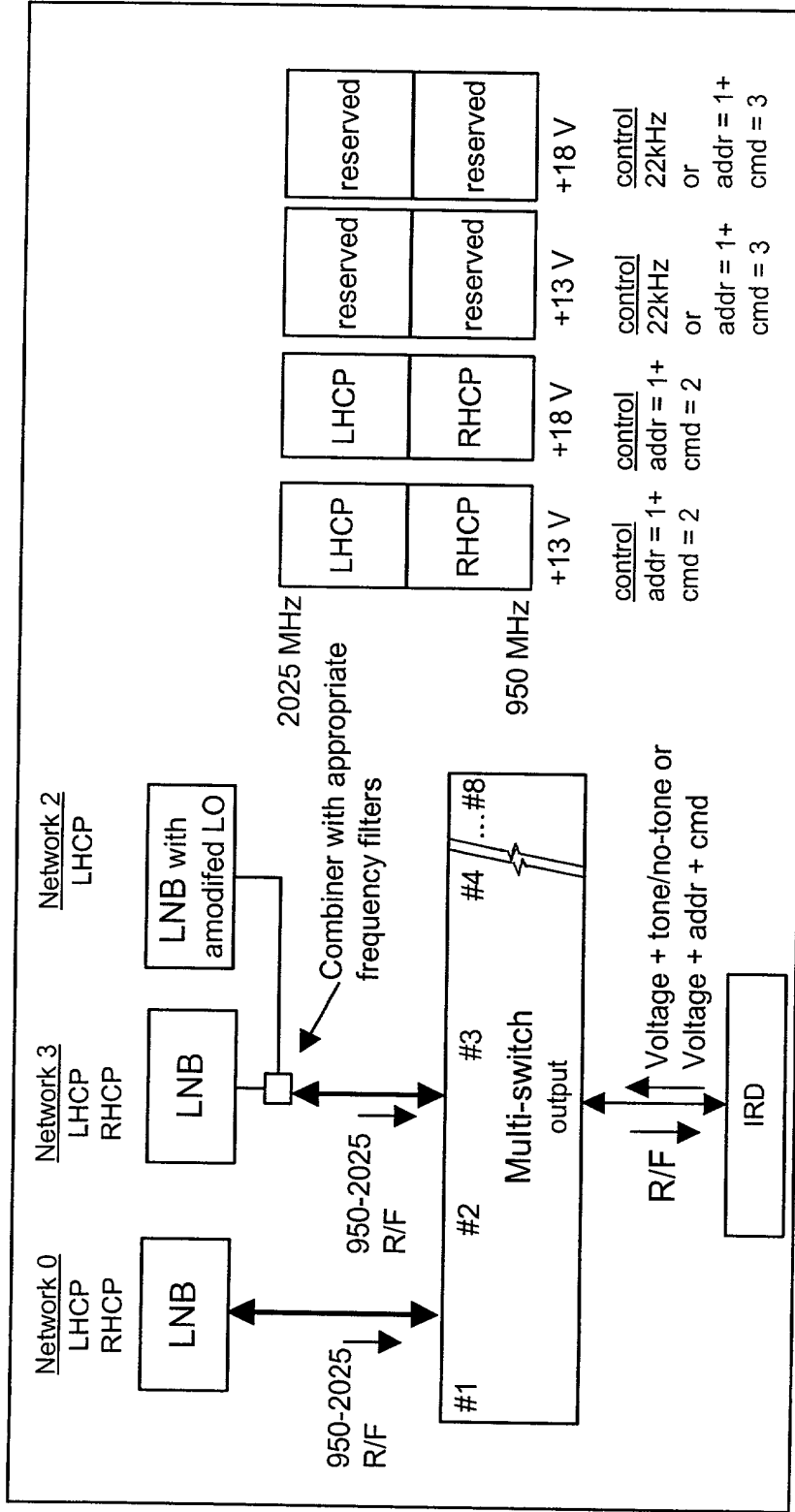


FIG. 5



FIG. 7

7 / 19

4 input
multi-
switch

8 input
multi-
switch

Simplified Control Signal	Simplified DISEqC Control Signal	Multi-switch (if present) Input Port Number Connected to Output Port	Non-stacked LNB Option 1 (Figure 2)	Non-stacked LNB Option 1 (Figure 3)	Non-stacked LNB Option 1 (Figure 3)	Non-stacked LNB Option 1 (Figure 4)	Non-stacked LNB Option 1 (Figure 4)	Stacked LNB Option 2 (Figure 5)
+13 V	+13V & addr= 0001 + cmd= 0x02	1	Network 0 RHCP	Network 0 RHCP	Network 0 RHCP	Network 0 RHCP	Network 0 RHCP	Network 0 RHCP & LHCP
+18 V	+18V & addr= 0001 + cmd= 0x02	2	Network 0 LHCP	Network 0 LHCP	Network 0 LHCP	Network 0 LHCP	Network 0 LHCP	Network 3 RHCP & Network 2&3LHCP
+13 V & 22KHz	+13V & addr= 0001 + cmd= 0x03	3	Not used	Network 1 VP	Network 3 RHCP	Network 3 RHCP	Network 3 RHCP	For future use
+18 V & 22KHz	+18V & addr= 0001 + cmd= 0x03	4	Not used	Network 1 HP	Network 3 LHCP	Network 2&3 LHCP	Network 2&3 LHCP	For future use
Not used	+13V & addr= 0001 + cmd= 0x04	5	Not used	Not used	Not used	Not used	For future use	For future use
Not used	+18V & addr= 0001 + cmd= 0x04	6	Not used	Not used	Not used	Not used	For future use	For future use
Not used	+13V & addr= 0001 + cmd= 0x05	7	Not used	Not used	Not used	Not used	For future use	For future use
Not used	+18V & addr= 0001 + cmd= 0x05	8	Not used	Not used	Not used	Not used	For future use	For future use

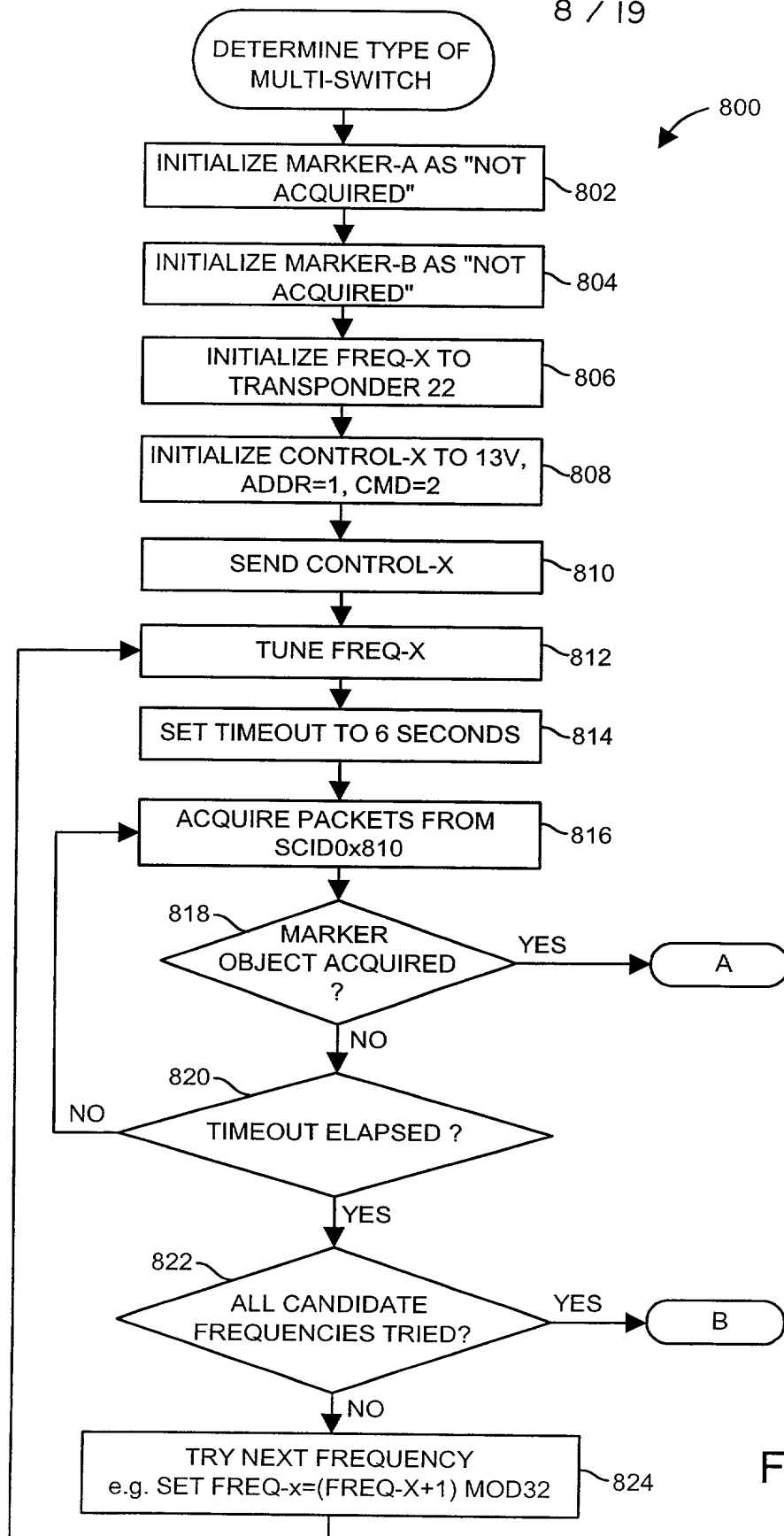
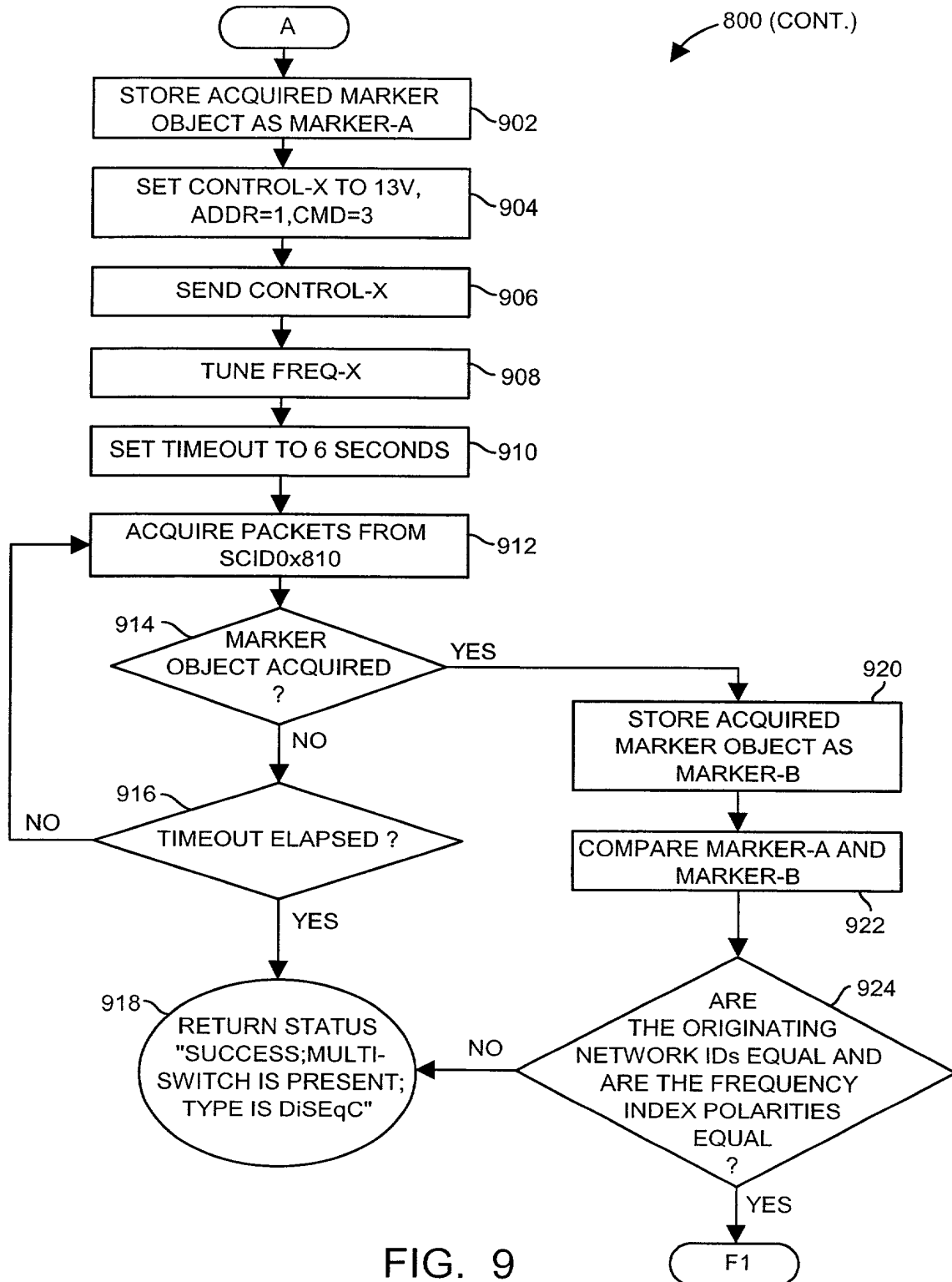


FIG. 8



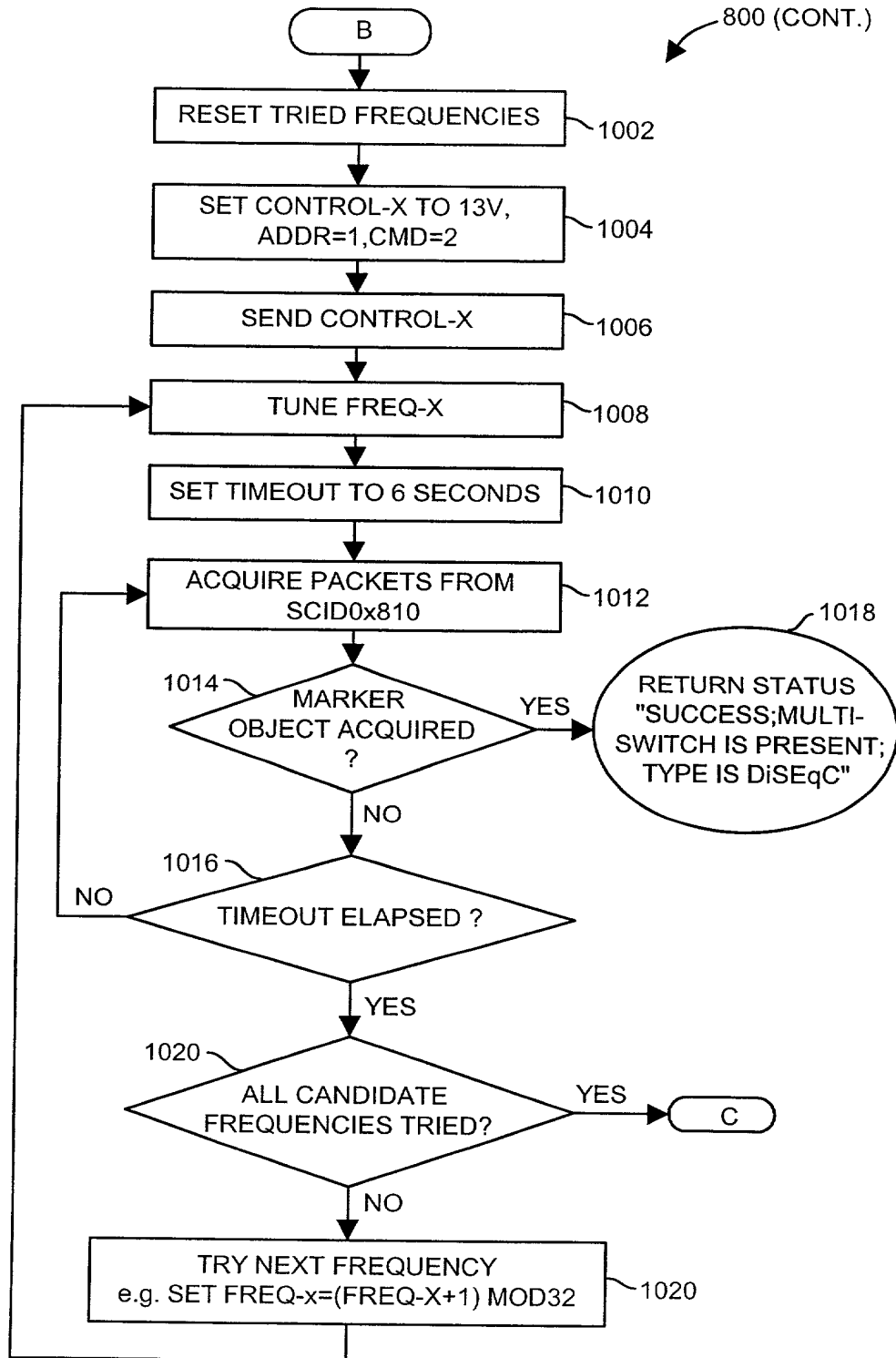


FIG. 10

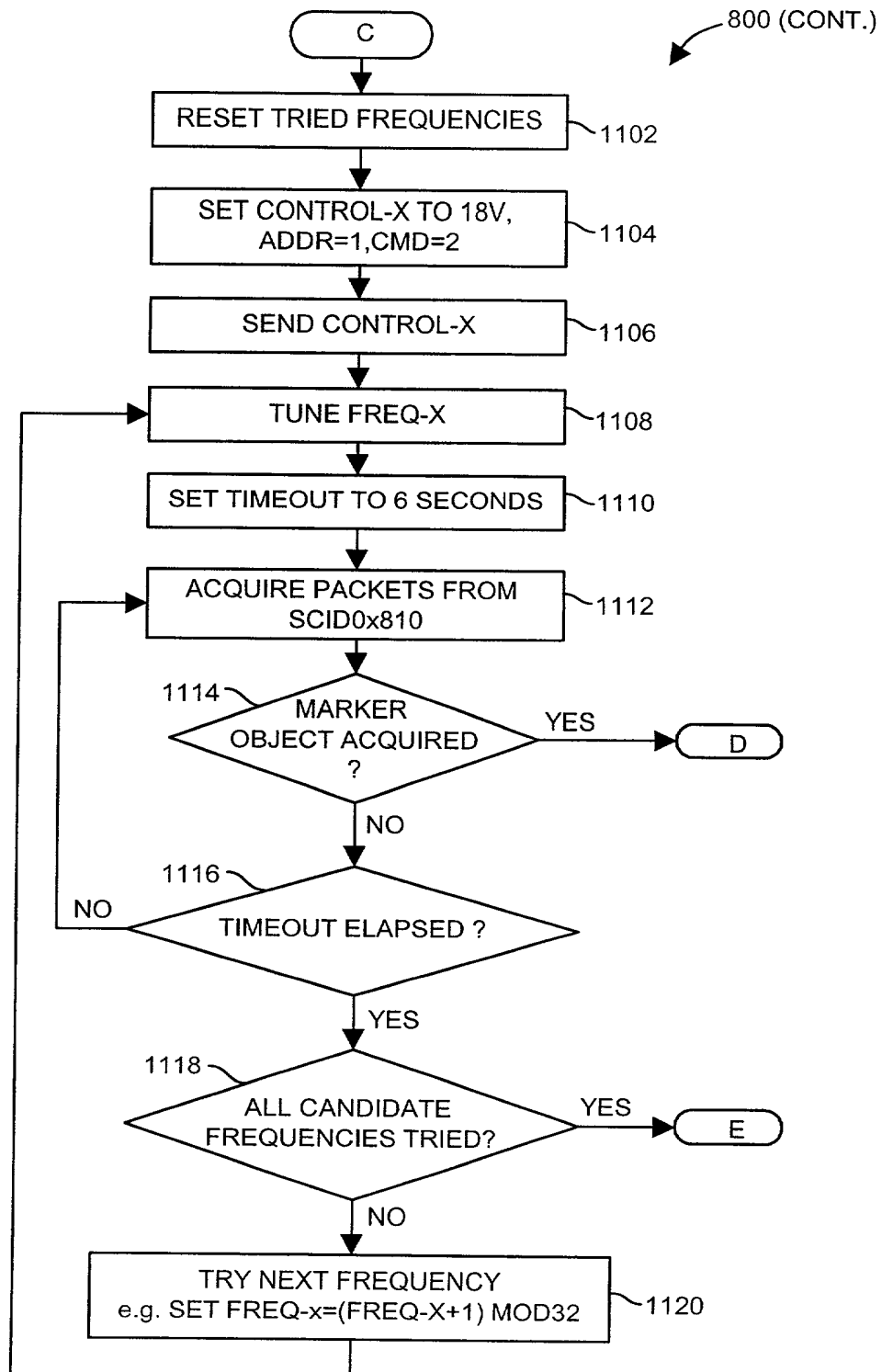


FIG. 11

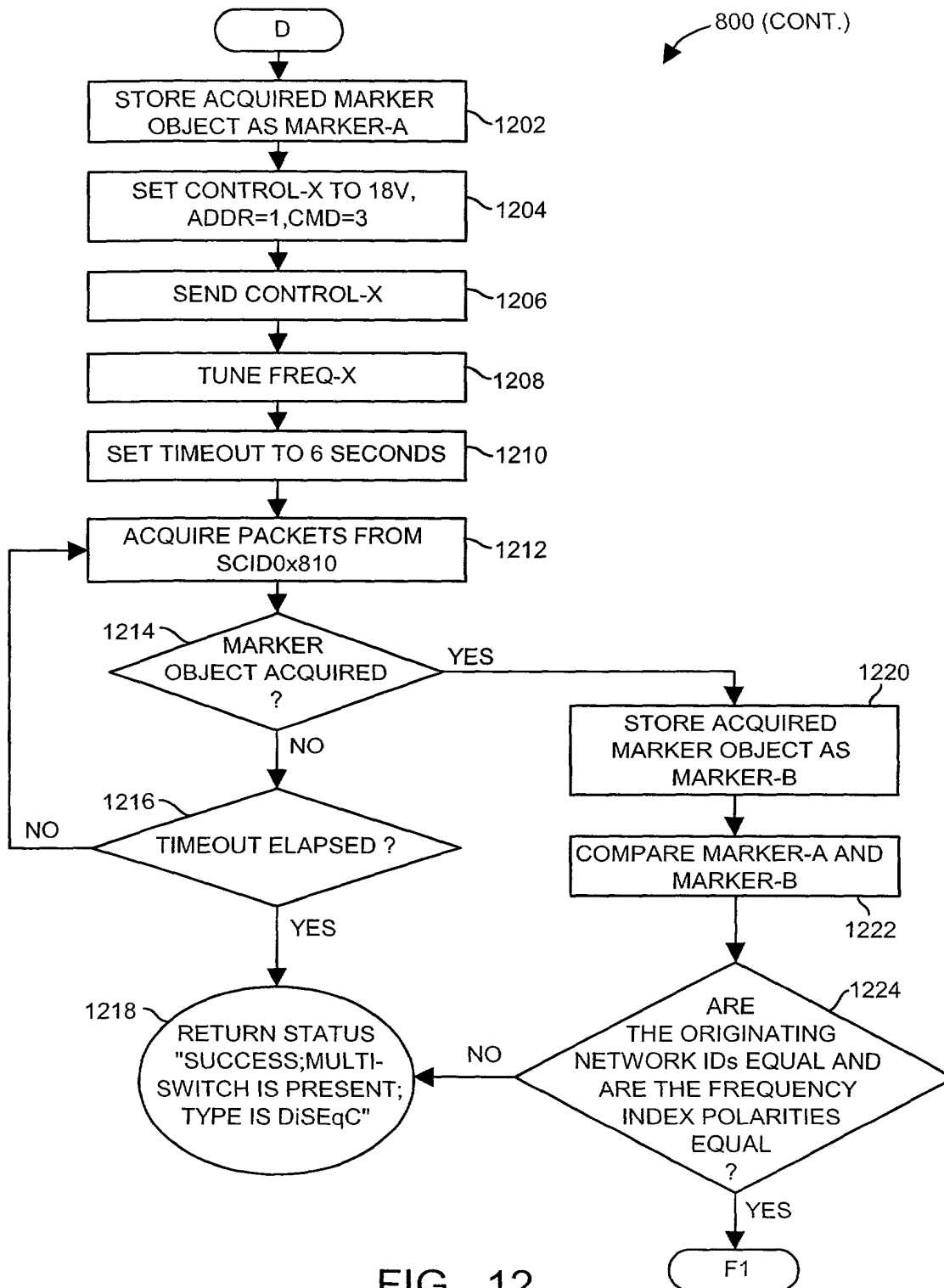


FIG. 12

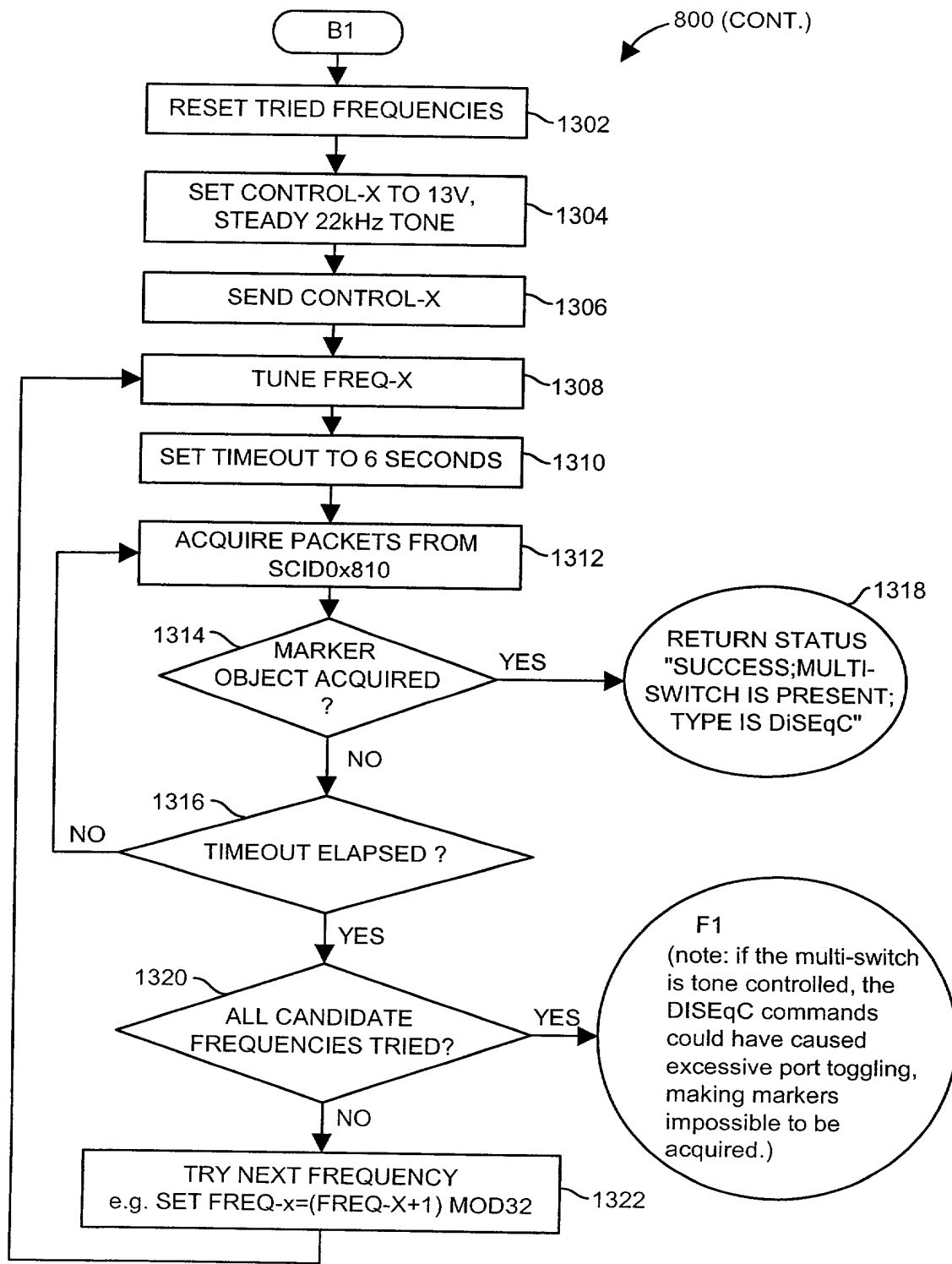


FIG. 13

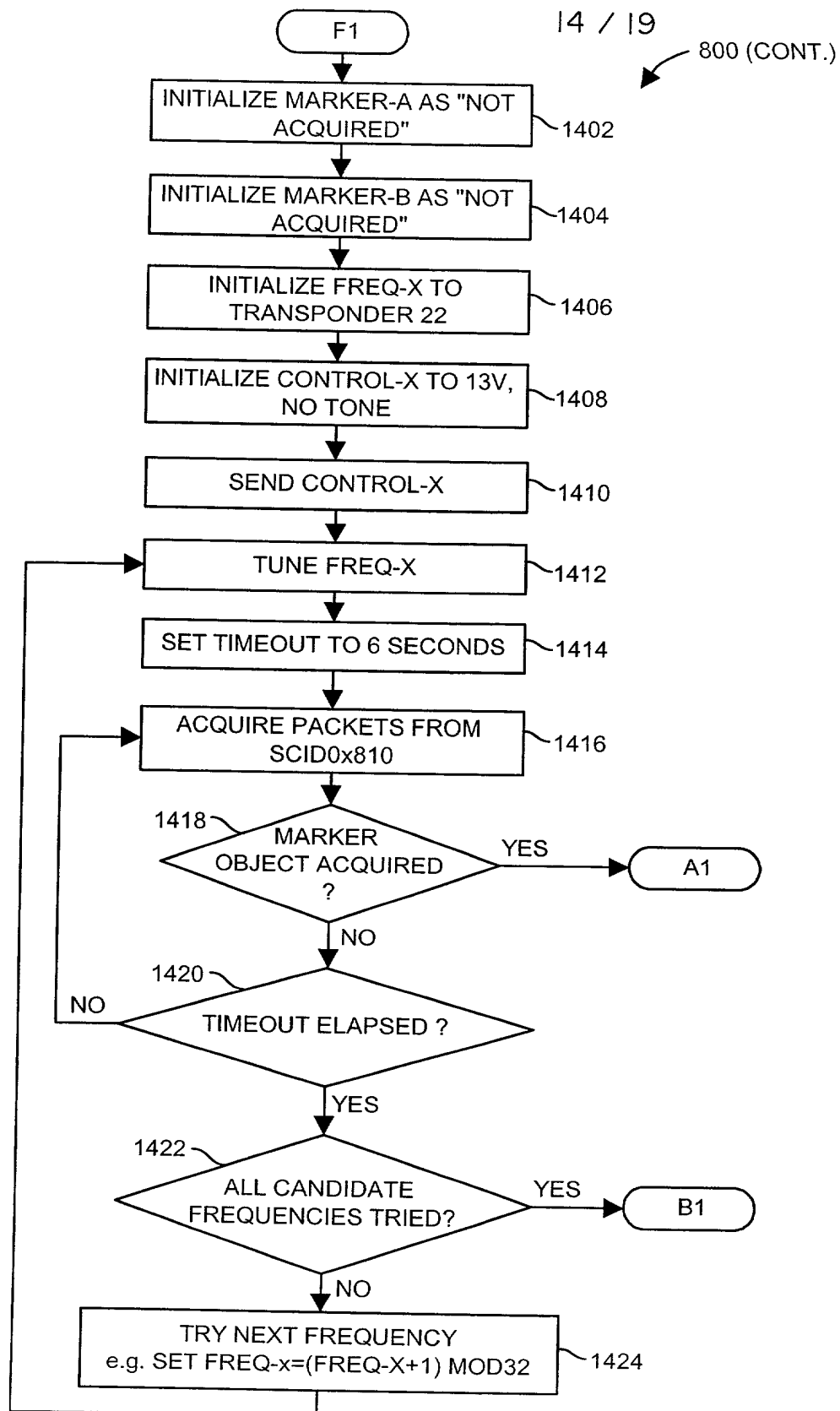
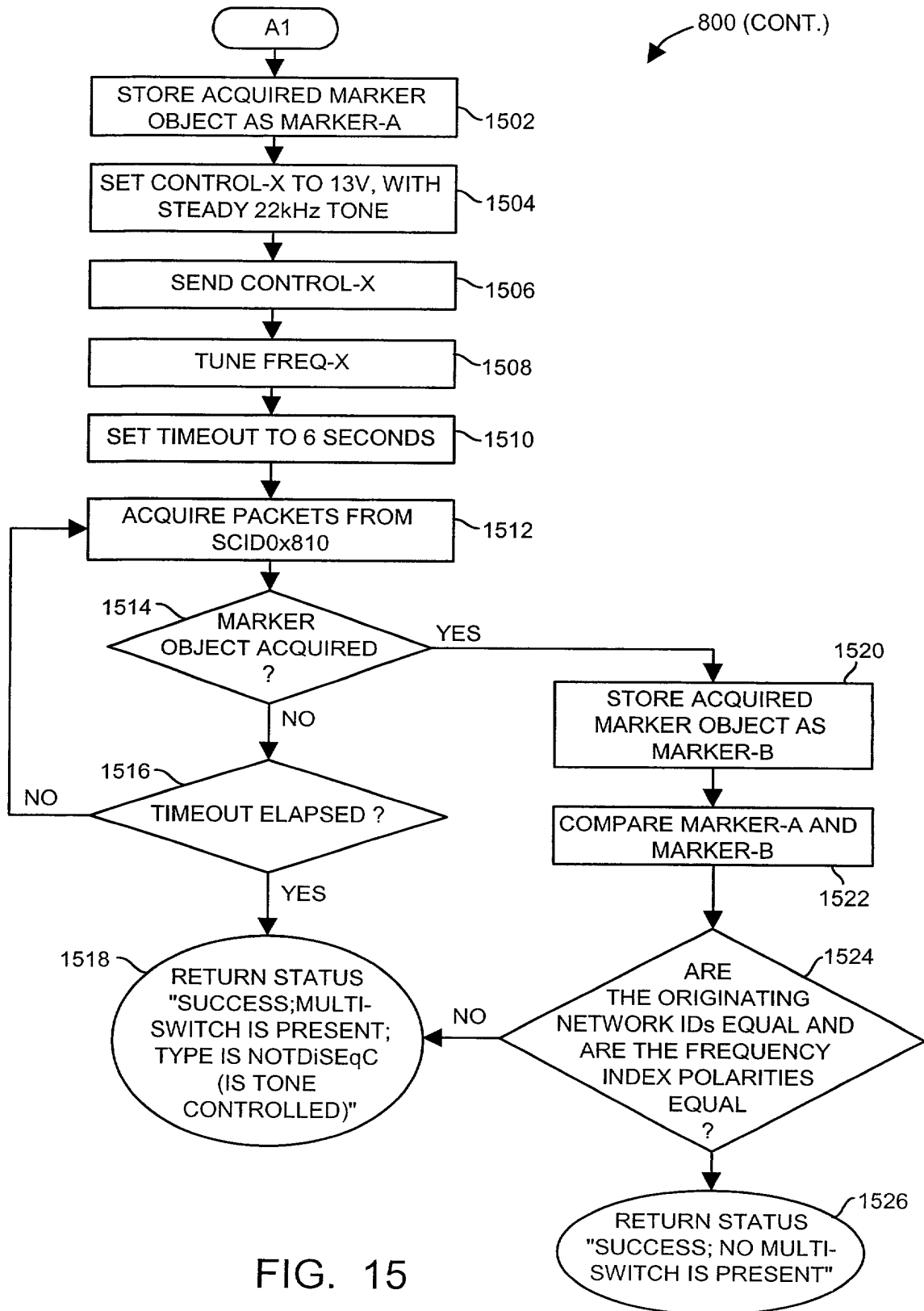


FIG. 14

800 (CONT.)



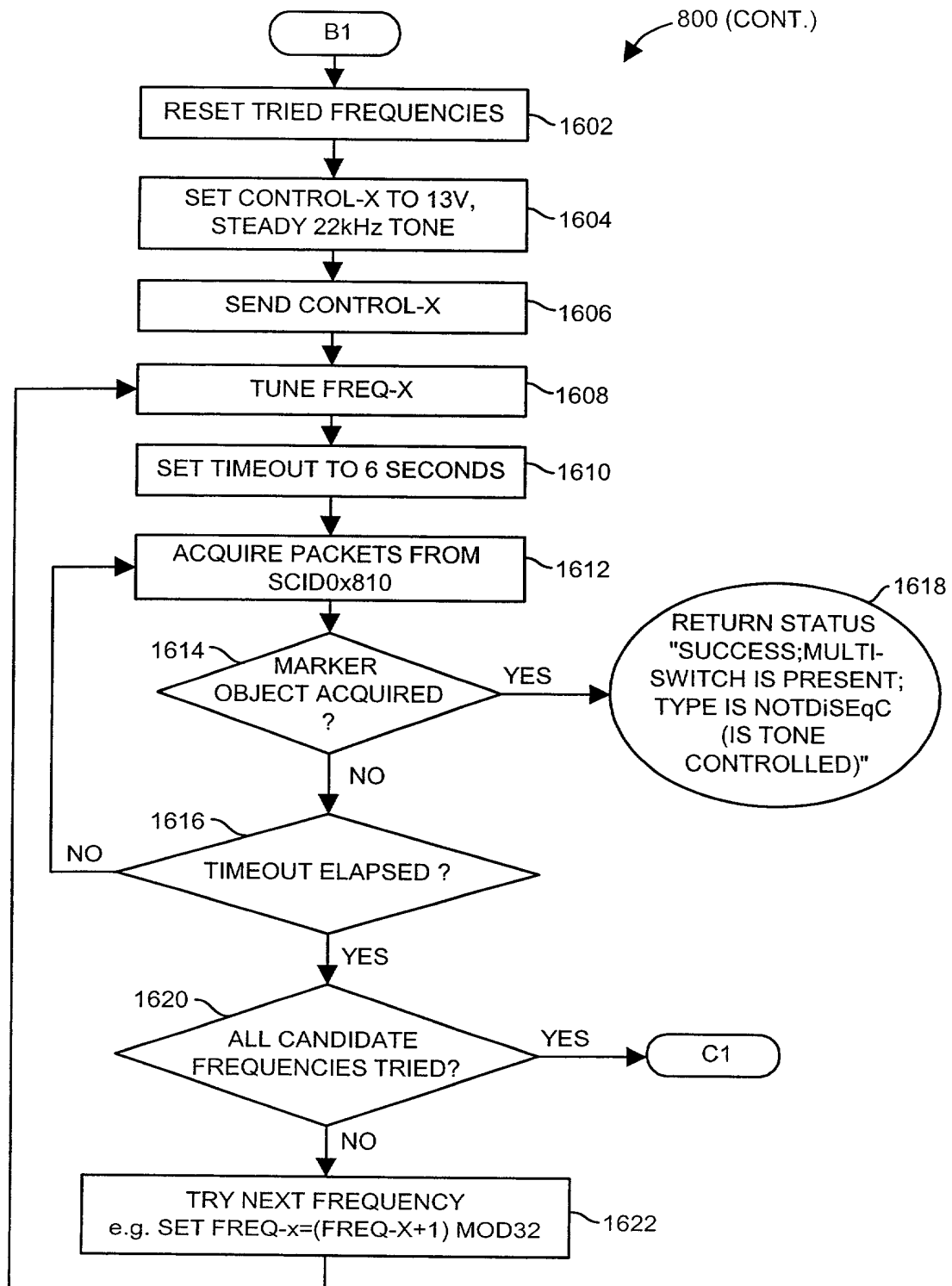


FIG. 16

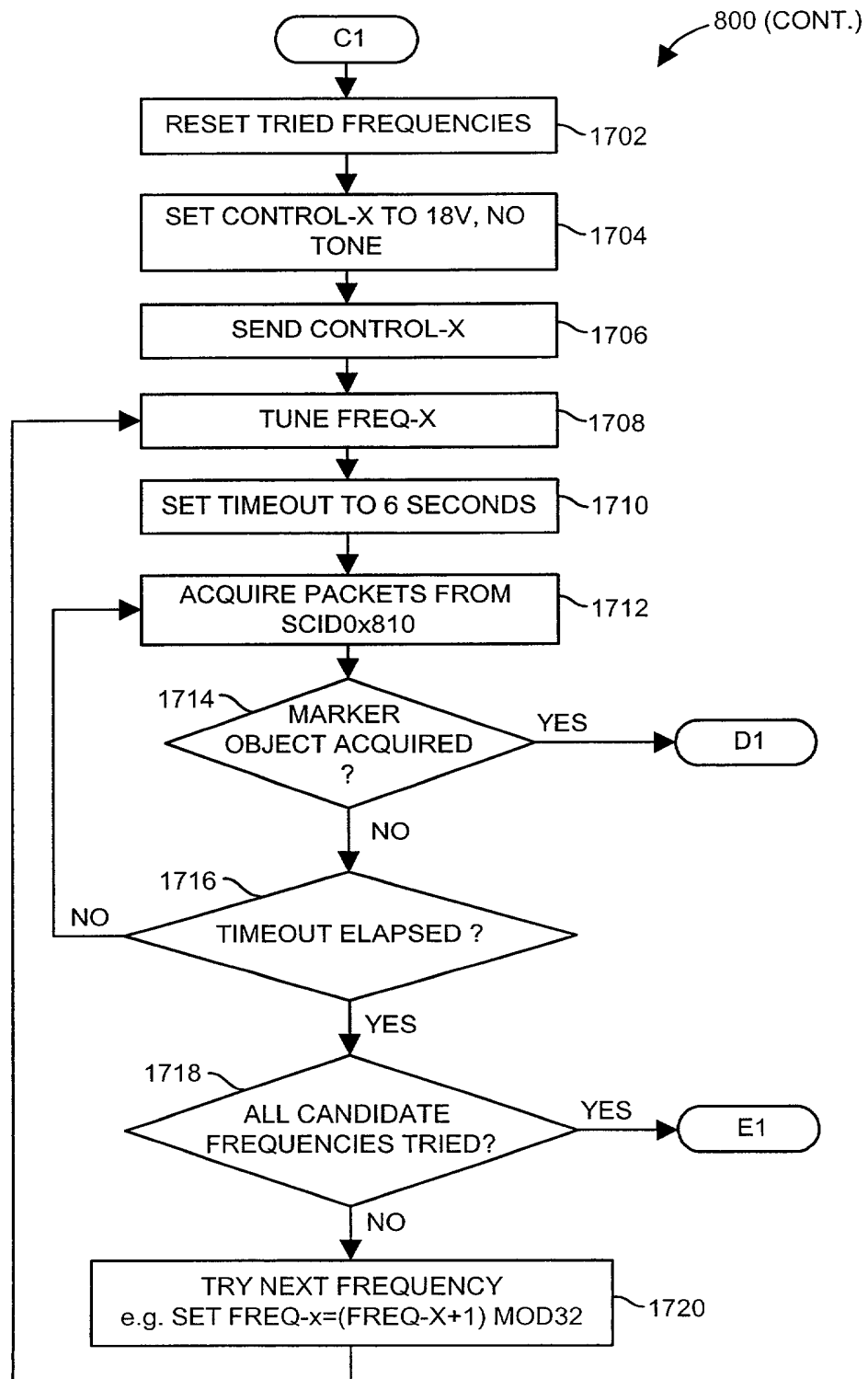
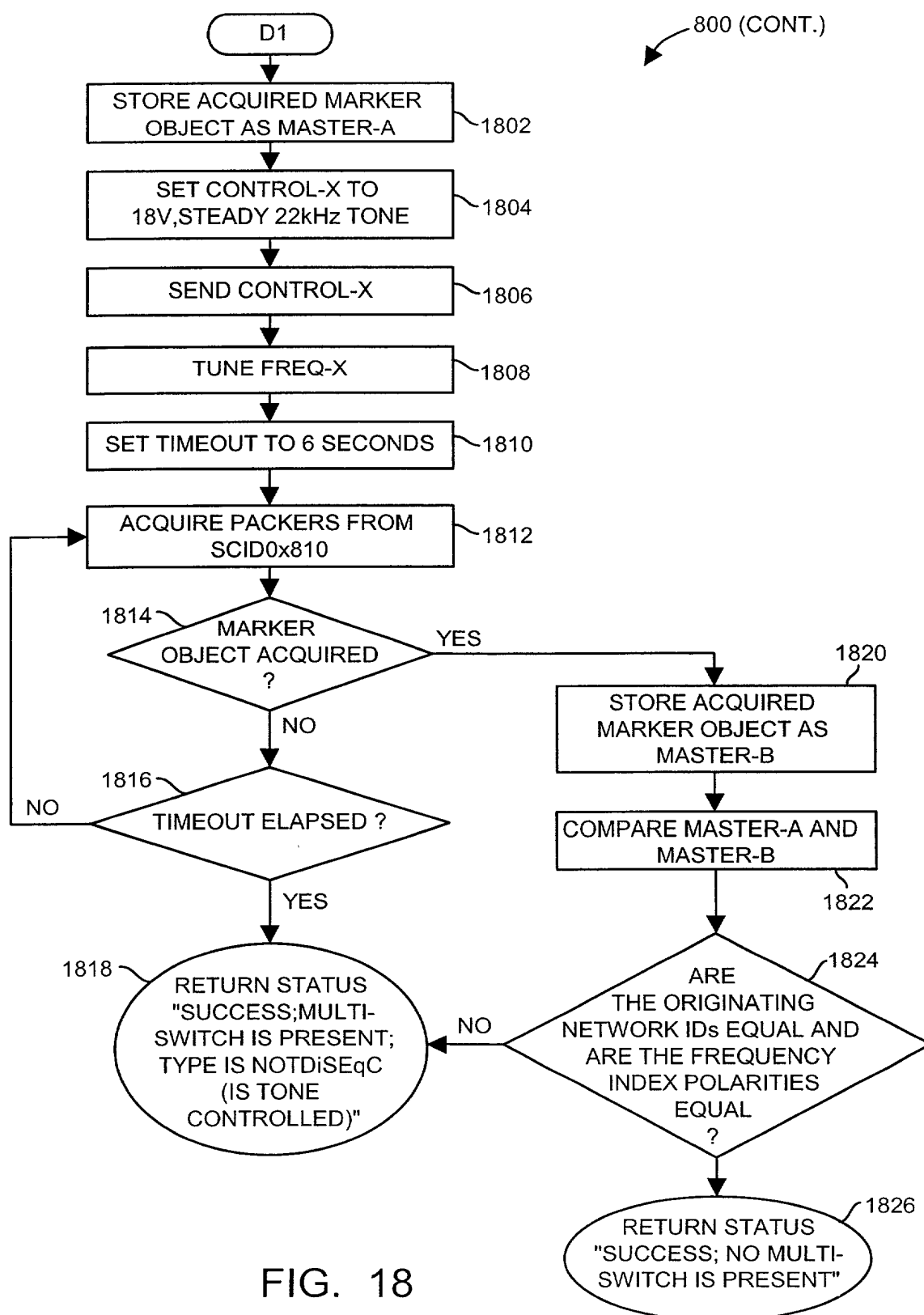


FIG. 17



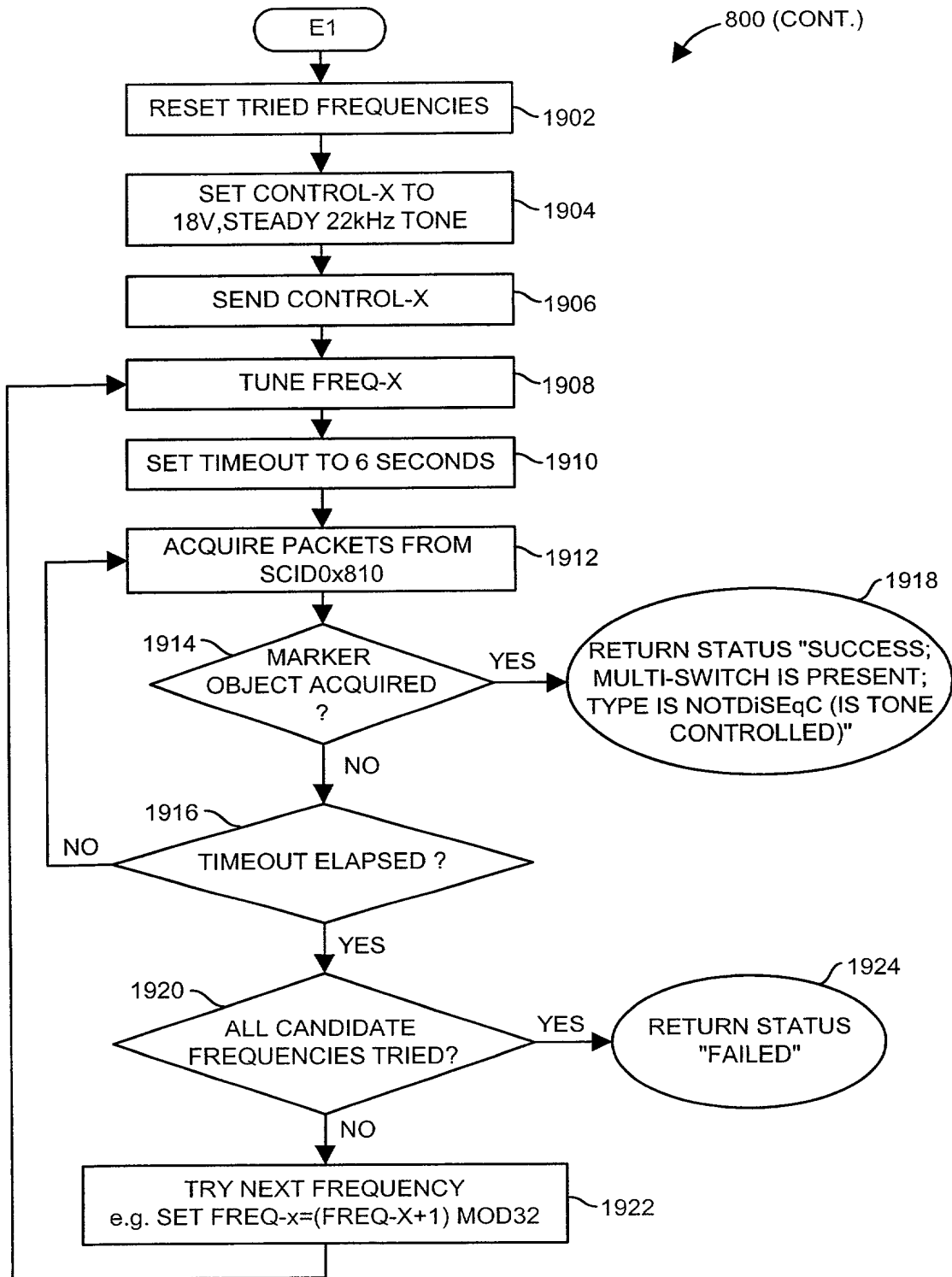


FIG. 19